



4-12-04

Attorney Docket No. 03579/LH

**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicant(s): T. NAKAJIMA et al.  
Serial No. : 10/669,694  
Filed : SEPTEMBER 23, 2003  
For : IMAGE PROCESSING METHOD,  
IMAGE PROCESSING APPARATUS,  
IMAGE PROCESSING PROGRAM  
AND IMAGE RECORDING  
APPARATUS  
Art Unit : 2614  
Examiner :

**INFORMATION DISCLOSURE STATEMENT  
WITH STATEMENT UNDER 37 CFR 1.97(e)  
AND STATEMENT UNDER 37 CFR 1.704(d)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Submitted herewith are Forms PTO/SB/08A and PTO/SB/08B and copies of the documents listed therein. The documents listed in the attached Forms PTO/SB/08A and PTO/SB/08B are identified on pages 19 and 20 of the present specification and are discussed on pages 1-19 of the present specification.

It is requested that initialed copies of the Forms PTO/SB/08A and PTO/SB/08B be returned to indicate that the publications listed therein have been considered and made of record.

Commercially available English language Abstracts are provided for each of the Japanese patent documents submitted herewith. As mentioned above, the Japanese patent documents are discussed in the introductory portion of the present specification.

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I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.

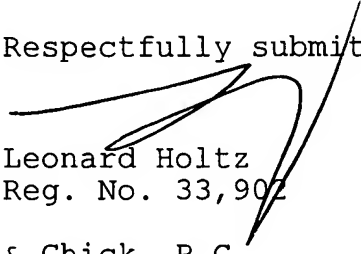
N. Sahadeo  
Nalini P. Sahadeo

In the event that this Paper is late filed, and the necessary petition for extension of time is not filed concurrently herewith, please consider this as a Petition for the requisite extension of time, and to the extent not tendered by check attached hereto, authorization to charge the extension fee, or any other fee required in connection with this Paper to Account No. 06-1378.

The non-patent documents herewith are also discussed in the introductory portion of the present specification.

It is respectfully requested that the documents submitted herewith all be considered and made of record.

Respectfully submitted,



Leonard Holtz  
Reg. No. 33,902

Encs.

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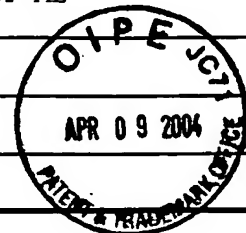
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PTO/SB/08A (08-00)

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|   |   |    |                      |                        |                    |          |
|---|---|----|----------------------|------------------------|--------------------|----------|
| Substitute for Form 1449A/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b> |   |    | Application Number   |                        | 10/669,694         |          |
|   |   |    | Filing Date          |                        | SEPTEMBER 23, 2003 |          |
|   |   |    | First Named Inventor |                        | T. NAKAJIMA ET AL  |          |
|   |   |    | Group Art Unit       |                        | 2614               |          |
|   |   |    | Examiner Name        |                        |                    |          |
| Sheet   | 1 | of | 2                    | Attorney Docket Number |                    | 03579/LH |



### U.S. PATENT DOCUMENTS

| Exam.<br>Inits* | Cite<br>No <sup>1</sup> | Document Number | Kind<br>Code <sup>2</sup> | Name of Patentee or<br>Applicant | Publication<br>Date MM-DD-YYYY | Relevant<br>Portion |
|-----------------|-------------------------|-----------------|---------------------------|----------------------------------|--------------------------------|---------------------|
|                 |                         |                 |                           |                                  |                                |                     |

### FOREIGN PATENT DOCUMENTS

| Exam<br>Inits* | Cite<br>No <sup>1</sup> | Offc <sup>3</sup> | Document Number <sup>4</sup> | Kind<br>Code <sup>5</sup> | Name of Patentee or<br>Applicant | Publication<br>Date MM-DD-YYYY | Relevant<br>Portion | T <sup>6</sup> |
|----------------|-------------------------|-------------------|------------------------------|---------------------------|----------------------------------|--------------------------------|---------------------|----------------|
|                | A                       | JP                | 09-022460                    | A                         | FUJI PHOTO FILM CO LTD           | 01-21-1997                     |                     | X*             |
|                | B                       | JP                | 09-212623                    | A                         | FUJI PHOTO FILM CO LTD           | 08-15-1997                     |                     | X*             |
|                | C                       | JP                | 2000-215307                  | A                         | FUJI PHOTO FILM CO LTD           | 08-04-2000                     |                     | X*             |
|                | D                       | JP                | 2000-224421                  | A                         | FUJI PHOTO FILM CO LTD           | 08-11-2000                     |                     | X*             |
|                | E                       | JP                | 2001-143068                  | A                         | EASTMAN KODAK CO                 | 05-25-2001                     |                     | X*             |
|                | F                       | JP                | 2001-155148                  | A                         | EASTMAN KODAK CO                 | 06-08-2001                     |                     | X*             |

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Place a check here if English translation is attached.

\* English language abstract enclosed

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PTO/SB/08B (08-00)

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|   |                          |   |  |                        |                    |                    |                |
|---|--------------------------|---|--|------------------------|--------------------|--------------------|----------------|
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|   |                          |   |  | Examiner Name          |                    |                    |                |
| Sheet   |                          | of  |  | Attorney Docket Number |                    | 03579/LH           |                |
| <b>OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS</b>                                      |                          |   |  |                        |                    |                    |                |
| Examiner<br>Initials <sup>1</sup>   | Cite<br>No. <sup>1</sup> | Include name of author (in CAPITAL LETTERS), title of article, title of item, date, page(s), volume-issue number(s), publisher, city and/or country where published |  |                        |                    |                    | T <sup>2</sup> |
|   | G                        | "DIGITAL PHOTOGRAPHY" CHAPTER 2 AND 3, PUBLISHED BY THE SOCIETY OF PHOTOGRAPHIC SCIENCE AND TECHNOLOGY OF JAPAN, CORONA PUBLISHING CO., LTD.                        |  |                        |                    |                    |                |
|   | H                        | "PRACTICAL IMAGE PROCESSING LEARNT IN C-LANGUAGE" P54, BY INOUE ET AL., OHM PUBLISHING CO., LTD.  |  |                        |                    |                    |                |
|   | I                        | "SINGULARITY DETECTION AND PROCESSING WITH WAVELETS" BY S. MALLAT AND W.L. HWANG, IEEE TRANS. INFORM. THEORY 38 617 (1992)  |  |                        |                    |                    |                |
|   | J                        | "CHARACTERIZATION OF SIGNAL FROM MULTISCALE EDGES" BY S. MALLAT AND S. ZHONG, IEEE TRANS. PATTERN ANAL. MACHINE INTELL. 14 710 (1992)                               |  |                        |                    |                    |                |
| Examiner<br>Signature   |                          |   |  |                        | Date<br>Considered |                    |                |



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